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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

**Complete if Known**

|                               |                |
|-------------------------------|----------------|
| <b>Application Number</b>     | 10/025,225     |
| <b>Filing Date</b>            | 12/19/01       |
| <b>First Named Inventor</b>   | Yu             |
| <b>Group Art Unit</b>         | 1643           |
| <b>Examiner Name</b>          | To be assigned |
| <b>Attorney Docket Number</b> | LEX-0285-USA   |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No.¹ | U.S. Patent Document |                          | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|-----------------------|--------------|----------------------|--------------------------|--|--|--|
|                       |              | Number               | Kind Code²<br>(if known) |  |  |  |
| RT                    | AA           | 4,215,051            |                          | Schroeder et al                                    | 07/29/80   |  |
|                       | AB           | 4,376,110            |                          | David et al  | 03/08/83   |  |
|                       | AC           | 4,594,595            |                          | Struckman  | 06/10/86   |  |
|                       | AD           | 4,631,211            |                          | Houghten   | 12/23/88   |  |
|                       | AE           | 4,689,405            |                          | Frank et al  | 08/25/87   |  |
|                       | AF           | 4,713,326            |                          | Dattagupta et al                                   | 12/15/87   |  |
|                       | AG           | 4,873,191            |                          | Wagner et al                                       | 10/10/89   |  |
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|                       | AN           | 5,556,752            |                          | Lockhart et al                                     | 09/17/96   |  |
|                       | AO           | 5,700,637            |                          | Southern   | 12/23/97   |  |
|                       | AP           | 5,723,323            |                          | Kauffman et al.                                    | 03/03/98   |  |
|                       | AQ           | 5,744,305            |                          | Fodor et al  | 04/28/98   |  |
|                       | AR           | 5,830,721            |                          | Stemmer et al                                      | 11/03/98   |  |
|                       | AS           | 5,837,458            |                          | Minshull et al                                     | 11/17/98   |  |
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|                       | AV           | 5,948,767            |                          | Scheule et al.                                     | 09/07/99   |  |
|                       | AW           | 6,075,181            |                          | Kucherlapati et al                                 | 06/13/00   |  |
|                       | AX           | 6,110,490            |                          | Thierry  | 08/29/00   |  |
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|                       |              |                      |                          |  |  |  |
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| Examiner<br>Signature | R. Teller | Date<br>Considered | 4/23/04 |
|-----------------------|-----------|--------------------|---------|

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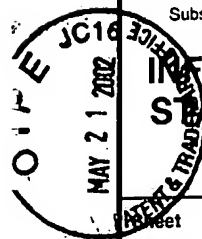
<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 2 of 3

## **Complete if Known**

|                        |                |
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| Filing Date            | 12/19/01       |
| First Named Inventor   | Yu             |
| Group Art Unit         | 1643           |
| Examiner Name          | To be assigned |
| Attorney Docket Number | LEX-0285-USA   |

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
| RT                 | AZ                    | Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.   |                |
|                    | BA                    | Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.  |                |
|                    | BB                    | Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.  |                |
|                    | BC                    | Cote et al., 1983, "Generation of human monoclonal antibodies reactive with cellular antigens," Proc. Natl. Acad. Sci. USA 80:2026-2030.  |                |
|                    | BD                    | Gautier et al, 1987, "α-DNA IV:α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.                    |                |
|                    | BE                    | Gordon, 1989, "Transgenic Animals", International Review of Cytology, 115:171-229.  |                |
|                    | BF                    | Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.  |                |
|                    | BG                    | Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.  |                |
|                    | BH                    | Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.  |                |
|                    | BI                    | Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.   |                |
|                    | BJ                    | Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.  |                |
|                    | BK                    | Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.  |                |
|                    | BL                    | Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.   |                |
|                    | BM                    | Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.  |                |
|                    | BO                    | Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.   |                |
|                    | BP                    | Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.   |                |
|                    | BQ                    | Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.   |                |
|                    | BR                    | Lo, 1983, "Transformation by Iontophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. & Cell. Biology 3(10):1803-1814.   |                |

|                    |           |                 |         |
|--------------------|-----------|-----------------|---------|
| Examiner Signature | R. Teller | Date Considered | 4/23/04 |
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| First Named Inventor   | Yu             |
| Group Art Unit         | 1643           |
| Examiner Name          | To be assigned |
| Attorney Docket Number | LEX-0285-USA   |

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No.† | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T‡ |
|--------------------|-----------|---|----|
| RT                 | BR        | Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.   |    |
|                    | BS        | Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster apt Gene", Cell 22:817-823.   |    |
|                    | BT        | Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.   |    |
|                    | BU        | Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.   |    |
|                    | BV        | Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.  |    |
|                    | BW        | Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.   |    |
|                    | BX        | O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.   |    |
|                    | BY        | Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.   |    |
|                    | BZ        | Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.   |    |
|                    | CA        | Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.  |    |
|                    | CB        | Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.   |    |
|                    | CC        | Stein et al, 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.  |    |
|                    | CD        | Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.   |    |
|                    | CE        | Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.   |    |
|                    | CF        | Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321.   |    |
|                    | CG        | Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.  |    |
|                    | CH        | Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.   |    |
|                    | CI        | Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.  |    |
|                    | CJ        | Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.   |    |
|                    | CK        | Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.   |    |

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| Examiner Signature | R. T. Zeller | Date Considered | 4/23/04 |
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